IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Li	
Application No.: 09/685905	Group Art Unit: 2143
Filed: 10/10/2000	
Title: Multicast Data	Examiner: Lezak
Attorney Docket No.: 120-468 10360/075	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE UNDER 37 CFR 1.111

Dear Sir:

In response to the Office Action of October 29, 2004, please amend this application as

follows:

In the claims:

1. (currently amended) A method for processing multicast data that is associated with a multicast
group and transmitted to a port of a line card of a router, comprising the sequential steps of:

———   flooding the multicast data from a plurality of ports of the router; and

———   determining an appropriate group of output ports for the multicast group.

~~multicasting data to at least one line card configured to attach to a router; and~~

———   ~~storing state information associated with the data as a default state at each line card the~~

~~data was multicast to.~~

2. (currently amended) The method of claim 1 including the further step of transmitting
subsequent multicast data associated with the multicast group via only the ports determined to be
appropriate for the multicast group. ~~wherein the state information includes a source parameter~~
~~indicating a source of the data.~~